

Docket No.: 066821-0235

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Reed, John C., et al. Customer No.: 41552  
Appl. No. : 10/679,246 Confirmation No.: 8403  
Filed : October 02, 2003  
Title : NUCLEIC ACID ENCODING  
PROTEINS INVOLVED IN PROTEIN  
DEGRADATION PRODUCTS AND  
METHODS RELATED THERETO  
Grp./A.U. : 1653  
Examiner: : NOT YET ASSIGNED

**CERTIFICATE OF MAILING (37 CFR. § 1.8(a))**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail as First Class Mail under 37 CFR 1.8(a) in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 21, 2005.

*Kate Lane*  
Kate Lane

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an Information Disclosure Statement in the above-identified application.

Also attached: 1 Information Disclosure Listing of Reference  
50 References

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 502624, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

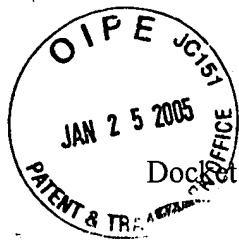
Respectfully submitted,

MCDERMOTT WILL & EMERY LLP

*Deborah L. Cadena*

Deborah L. Cadena  
Registration No. 44,048

4370 La Jolla Village Drive, Suite 700  
San Diego, CA 92122  
858.535.9001 DLC:kml  
Facsimile: 858.597.1585  
Date: January 21, 2005



Doclet No.: 066821-0235

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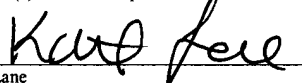
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Kate Lane

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Serial No.: 10/679,246

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 502624 and please credit any excess fees to such deposit account.

Respectfully submitted,

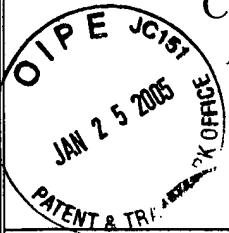
McDERMOTT WILL & EMERY LLP

A handwritten signature in black ink, appearing to read "Deborah L. Cadena". The signature is fluid and cursive, with the first name being the most prominent.

Deborah L. Cadena  
Registration No. 44,048

4370 La Jolla Village Drive, Suite 700  
San Diego, CA 92122  
Phone: 858.535.9001 DLC:kml  
Facsimile: 858.597.1585  
**Date: January 21, 2005**

**Please recognize our Customer No. 41552  
as our correspondence address.**

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>				ATTY. DOCKET NO. <b>066821-0235</b>		SERIAL NO. <b>10/679,246</b>	
				APPLICANT <b>Reed, John C., et al.</b>			
				FILING DATE <b>October 02, 2003</b>		GROUP <b>1653</b>	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	CITE NO.	Document Number <small>Number-Kind Code<sup>2</sup> (if known)</small>	Publication Date <small>MM-DD-YYYY</small>	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	1	US 6,638,734	10-28-2003	REED et al.			
	2	US 5,851,791	12-22-1998	VIERSTRA et al.			
		US					
		US					
		US					
		US					
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document <small>Country Codes - Number &amp; -Kind Codes (if known)</small>	Publication Date <small>MM-DD-YYYY</small>	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation <div style="display: flex; justify-content: space-between;"><span>Yes</span><span>No</span></div>	
	3	WO 97/22695	06-26-1997	PCT			
	4	WO 98/41624	09-24-1998	PCT			
	5	WO 98/42741	10-01-1998	PCT			
	6	WO 99/18989	04-22-1999	PCT			
	7	WO 99/46374	09-16-1999	PCT			
	8	WO 99/47540	09-23-1999	PCT			
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
	9	ALTSCHUL et al., "Gapped BLAST and PSI-BLAST: A New Generation of Protein Database Search Programs," <u>Nucleic Acids Res.</u> 25:3389-3402 (1997)					
	10	AMSON et al., "Isolation of 10 Differentially Expressed cDNAs in P53-induced Apoptosis: Activation of the Vertebrate Homologue of the Drosophila Seven in Absentia Gene," <u>PNAS, USA</u> 93:3953-3957 (1996)					
	11	CENCIARELLI et al., "Identification of a family of human F-box proteins," <u>Current Biology</u> 9(20):1177-1179 (1999)					
	12	CIECHANOVER, A., "The Ubiquitin-proteasome Pathway: on Protein Death and Cell Life," <u>EMBO J.</u> 17(24):7151-7160 (1998)					
	13	COHEN et al., "An Artificial Cell-cycle Inhibitor Isolated from a Combinatorial Library," <u>Proc. Natl. Acad. Sci.</u> 95:14272 (1998)					
	14	COLAS et al., "Genetic Selection of Peptide Aptamers That Recognize and Inhibit Cyclin-dependent Kinase 2," <u>Nature</u> 380:548 (1996)					
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

<b>INFORMATION DISCLOSURE</b> <b>CITATION IN AN</b> <b>APPLICATION</b>		ATTY. DOCKET NO. <b>066821-0235</b>	SERIAL NO. <b>10/679,246</b>
		APPLICANT <b>Reed, John C., et al.</b>	
		FILING DATE <b>October 02, 2003</b>	GROUP <b>1653</b>
	15	FABBRIZIO et al., "Inhibition of mammalian cell proliferation by genetically selected peptide aptamers that functionally antagonize E2F activity," <u>Oncogene</u> 18:4357 (1999)	
	16	FEARON et al., "Identification of a Chromosome 18q Gene That Is Altered in Colorectal Cancers," <u>Science</u> 247:49-56 (1990)	
	17	FILIPEK and KUYNICKI, "Molecular cloning and expression of a mouse brain cDNA encoding a novel protein target of calyculin," <u>Journal of Neurochemistry</u> 70(5):1793-1798 (1998)	
	18	GEYER et al., "'Mutagenesis' by Peptide Aptamers Identifies Genetic Network Members and Pathway Connections," <u>Proc. Natl. Acad. Sci.</u> 96:8567 (1999)	
	19	HUIBREGTSE et al., "A Family of Proteins Structurally and Functionally Related to the E6-AP Ubiquitin-Protein Ligase," <u>Proc. Natl. Acad. Sci. USA</u> 92:2563-2567 (1995)	
	20	HU and FEARON, "Siah-1 N-terminal RING domain is required for proteolysis function, and C-terminal sequences regulate oligomerization and binding to target proteins," <u>Molecular and Cellular Biology</u> 19(1):724-732 (1999)	
	21	HU et al., "Characterization of Human Homologs of the Drosophila Seven in Absentia (Sina) Gene," <u>Genomics</u> 46:103-111 (1997)	
	22	KAMURA et al., "The Elongin BC Complex Interacts with the Conserved Socs-box Motif Present in Members of the SOCS, ras, WD-40 Repeat, and Ankyrin Repeat Families," <u>Genes Dev.</u> 12:3872-81 (1998)	
	23	KINZLER et al., "Lessons from Hereditary Colorectal Cancer," <u>Cell</u> 87(2):159-170 (1996)	
	24	KORINEK et al., "Constitutive Transcriptional Activation by a Beta-catenin-Tcf Complex in APC-/- Colon Carcinoma," <u>Science</u> 275:1784-1787 (1997)	
	25	LATRES et al., "The Human F Box Protein Beta-trcp Associates with the Cul1/skp1 Complex and Regulates the Stability of Beta-catenin," <u>Oncogene</u> 18:849-854 (1999)	
	26	LI et al., "Photoreceptor Cell Differentiation Requires Regulated Proteolysis of the Transcriptional Repressor Tramtrack," <u>Cell</u> 469-478 (1997)	
	27	MATSUZAWA et al., "P53-inducible Human Homologue of Drosophila Seven in Absentia (Siah) Inhibits Cell Growth: Suppression by BAG-1," <u>EMBO J.</u> 17(10):2736-2747 (1998)	
	28	MORIN et al., "Activation of $\gamma$ -Catenin-Tcf Signaling in Colon Cancer by Mutations in $\gamma$ -Catenin or APC," <u>Science</u> 275:1787-1790 (1997)	
	29	NEMANI et al., "Activation of the Human Homologue of the Drosophila Sina Gene in Apoptosis and Tumor Suppression," <u>Proc. Natl. Sci. USA</u> 93:9039-9042 (1996)	
	30	PATTON et al., "Combinatorial Control in Ubiquitin-dependent Proteolysis: Don't Skp the F-Box Hypothesis," <u>TIG</u> 14(6):236-243 (1998)	
	31	RUBINFELD et al., "Stabilization of b-Catenin by Genetic Defects in Melanoma Cell Lines," <u>Science</u> 275:1790-1792 (1997)	
	32	STARR and HILTON, "Negative Regulation of the JAK/STAT Pathway," <u>Bioessays</u> 21:47-52(1999)	

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